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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,003	02/20/2004	David A. Matthews	MS1-2015US	4376
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LEE & HAYES PLLC 421 W RIVERSIDE AVENUE SUITE 500 SPOKANE, WA 99201			EXAMINER BELOUSOV, ANDREY	
			ART UNIT 2174	PAPER NUMBER
			MAIL DATE 10/25/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/784,003

Applicant(s)

MATTHEWS ET AL.

Examiner

Andrew Belousov

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 20 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 8/20/2007
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. This action is in response to the filing and amendment of August 20, 2007.

Claims 1- 38 are pending and have been considered below.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 1, 2, 8-10, 16-19, 25-28 and 34-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Enin (Batch Launcher 1.0 Feb 10, 2003 release) in view of Rathbone (Andy Rathbone, Windows XP for Dummies®, Wiley Publishing, Inc.)

**Claim 1:** Enin discloses a user interface displayed on a display device, comprising:

- a. a selectable control (Applications list of the batch; page 1) configured to initiate (form the batch; page 1) that multiple applications start together and in response to a single user input (by one click; page 1); and
- b. selectable configurations (batches; page 1) each configured (user formed; page 1) for a user selection to designate (drag and dropping; page 1) a multiple application start-up configuration (batch; page 1.)

However, Enin does not explicitly disclose:

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- c. a desktop environment selected from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona.

Rathbone discloses an operating system (i.e. Windows XP OS) on which Enin teaches the use of the Batch Launcher application. The operating system, Windows XP, comprising a user interface displayed on a display device, comprising a desktop environment selected from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona (page 62, 63.) Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a desktop environment selection as taught by Rathbone with multiple application initiation of Enin. One would have been motivated to combine the teaching of Rathbone into Enin as it was well within known options given that Enin was running on the OS disclosed by Rathbone.

**Claim 2:** Enin and Rathbone disclose a user interface as recited in claim 1. Enin further discloses wherein the selectable control is user-configurable to designate a multiple application start-up configuration (page 1.)

**Claim 8:** Enin discloses a user interface displayed on a display device, comprising:

- a. a user interface selectable control (Applications List; page 1) configured for user selection to start multiple application programs together and in response to a single user input (forming batches of several apps to launch; page 1.)

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However, Enin does not explicitly disclose:

- b. a desktop environment selected from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona;

Rathbone discloses an operating system (i.e. Windows XP OS) on which Enin teaches the use of the Batch Launcher application. The operating system, Windows XP, with a user interface displayed on a display device, comprising a desktop environment selected from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona (page 62, 63.) Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a desktop environment selection as taught by Rathbone with multiple application initiation of Enin. One would have been motivated to combine the teaching of Rathbone into Enin as it was well within known options given that Enin was running on the OS disclosed by Rathbone.

**Claim 9:** Enin and Rathbone disclose a user interface selectable control as recited in claim 8. Enin further discloses wherein the user interface selectable control is user-configurable to designate a multiple application program start-up configuration (user-configurable batches to launch several applications by one click; page 1.)

**Claim 10:** Enin and Rathbone disclose a user interface selectable control as recited in claim 8. Enin further discloses wherein the multiple application programs are a user-

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defined (by drag and dropping the shortcuts; page 1) group of application programs (set of applications; page 1), and wherein the user interface selectable control is further configured to start (launch; page 1) the user-defined group of applications together (by one click; page 1.)

**Claim 16, 25:** Enin discloses a method and one or more computer readable storage media comprising:

- a. receiving a user selection (drag and dropping; page 1) corresponding to a user interface selectable control (Applications list; page 1) which initiates (forms the batch; page 1) multiple applications together and in response to a single user input (launch by one click; page 1); and
- b. starting (launching; page 1) the multiple applications in response to receiving the user selection (one click; page 1.)

However, Enin does not explicitly disclose:

- c. receiving a user selection of a desktop environment from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona;

Rathbone discloses an operating system (i.e. Windows XP OS) on which Enin teaches the use of the Batch Launcher application. The operating system, Windows XP, with a user interface displayed on a display device, comprising receiving a user selection of a desktop environment from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona

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(page 62, 63.) Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a desktop environment selection as taught by Rathbone with multiple application initiation of Enin. One would have been motivated to combine the teaching of Rathbone into Enin as it was well within known options given that Enin was running on the OS disclosed by Rathbone.

**Claim 17, 26:** Enin and Rathbone disclose a method and one or more computer readable media as recited in claim 16 and 25, respectively. Enin further discloses comprising receiving a user selection to designate a multiple application start-up configuration (selecting a required batch at Windows® startup; page 1.)

**Claim 18, 27:** Enin and Rathbone disclose a method and one or more computer readable storage media as recited in claim 16 and 25, respectively. Enin further discloses comprising receiving a user selection (drag and dropping shortcuts; page 1) to configure the user interface selectable control which is user-configurable to designate a multiple application program start-up configuration.

**Claim 19, 28:** Enin and Rathbone disclose a method and one or more computer readable storage media as recited in claim 16 and 25, respectively. Enin further discloses wherein receiving the user selection initiates (forms; page 1) a user-defined group of applications (batch; page1,) and wherein starting (launch; page 1) the multiple

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applications includes starting the user-defined group of applications together and in response to a single user input (by one click; page 1.)

**Claim 34, 37:** Enin discloses a method and one or more computer readable media comprising:

- a. receiving multiple user selections (drag and dropping; page 1) each configured to initiate (add needed shortcuts (applications) to the batch (Applications list); page 1) an application program;
- b. receiving a single user input to initiate (batch forming; page 1) multiple application programs, each of the multiple application programs corresponding to one of the multiple user selections (by one click; page 1); and
- c. starting the multiple application programs together and in response to a single user input (by one click; page 1);

However, Enin does not explicitly disclose:

- d. receiving a user selection of a desktop environment from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona.

Rathbone discloses an operating system (i.e. Windows XP OS) on which Enin teaches the use of the Batch Launcher application. The operating system, Windows XP, with a user interface displayed on a display device, comprising receiving a user selection of a desktop environment from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona



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(page 62, 63.) Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a desktop environment selection as taught by Rathbone with multiple application initiation of Enin. One would have been motivated to combine the teaching of Rathbone into Enin as it was well within known options given that Enin was running on the OS disclosed by Rathbone.

**Claim 35, 38:** Enin and Rathbone disclose a method and one or more computer readable media as recited in claim 34 and 37, respectively. Enin further discloses comprising delaying the start (launch; page 1) of the selected application programs (batch; page 1) until receiving the user input to initiate (drag and dropping; page 1) starting the selected application programs (formation of batches is performed before (delayed) launching (starting) the set of selected application programs (batch; page 1.)

**Claim 36:** Enin and Rathbone disclose a method as recited in claim 34. Enin further discloses wherein receiving the user input to initiate starting the selected application programs includes receiving a user selection that does not correspond to a user-selectable control (use of shortcuts of the batches on the desktop; page 2.)

4. Claims 3-7, 11-15, 20-24 and 29-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Enin in view of Rathbone and in further view of Langer (Mac OS X 10.1, Visual Quickstart Guide, Peachpit Press, Copyright (c) 2002.)

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**Claim 3, 11, 20, 29:** Enin and Rathbone disclose a user interface as recited in claim 1, wherein the multiple applications are a group of applications, and wherein the selectable control is further configured to initiate that the group of applications start (launch; page 1) together (by one click; page 1.) However, Enin and Rathbone do not explicitly disclose wherein the multiple applications are a group of applications executing when a previous computing session was discontinued. Langer discloses an operating system comprising a means to start back up a group of applications from before the computer was put to sleep (page 58.) Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a group of applications executing when a previous computing session was discontinued, as taught by Langer, into Enin and Rathbone. One would have been motivated to include previous session applications in order to allow continuation of potentially interrupted task from the previous session.

**Claim 4, 12, 21, 30:** Enin and Rathbone disclose a user interface as recited in claim 1, wherein the multiple applications are a group of applications, and wherein the selectable control is further configured to initiate that the group of applications start (launch; page 1) together (by one click; page 1.) However, Enin and Rathbone do not explicitly disclose wherein the multiple applications are a group of applications often selected for use by the user. Langer discloses an operating system comprising a means to initiate applications often selected for use by the user (page 104.) Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made

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to include a group of applications often selected for use by the user, as taught by Langer, into Enin and Rathbone. One would have been motivated to include often selected for use by the user applications in order to provide a quick launch of programs that will be most likely needed by the user and in such a fashion meet the anticipation of the user.

**Claim 5, 13, 22, 31:** Enin and Rathbone disclose a user interface as recited in claim 1, wherein the multiple applications are a group of applications, and wherein the selectable control is further configured to initiate that the group of applications start (launch; page 1) together (by one click; page 1.) However, Enin and Rathbone do not explicitly disclose wherein the multiple applications are a group of applications recently selected for use by the user. Langer discloses an operating system comprising a means to initiate applications recently selected for use by the user (page 106.) Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a group of applications recently selected for use by the user, as taught by Langer, into Enin and Rathbone. One would have been motivated to include recently used by the user applications in order to provide a quick launch of programs that will be most likely needed by the user and in such a fashion meet the anticipation of the user.

**Claim 6, 14, 23, 32:** Enin and Rathbone disclose a user interface as recited in claim 1, wherein the multiple applications are a group of applications, and wherein the selectable control is further configured to initiate that the group of applications start (launch; page

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1) together (by one click; page 1.) However, Enin and Rathbone do not explicitly disclose wherein the multiple applications are a group of applications most used by the user. Langer discloses an operating system comprising a means to initiate applications most used by the user (page 104.) Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a group of applications most used by the user, as taught by Langer, into Enin and Rathbone. One would have been motivated to include most used by the user applications in order to provide a quick launch of programs that will be most likely needed by the user and in such a fashion meet the anticipation of the user.

**Claim 7, 15, 24, 33:** Enin and Rathbone discloses a user interface as recited in claim 1. Enin and Langer further disclose, as per similar reasoning as claims 3, 4, 5 and 6 above, wherein the selectable configurations include at least one of (i) a configuration to designate a group of applications executing when a previous computing session was discontinued (page 58), (ii) a configuration to designate a group of applications often selected for use (page 104), (iii) a configuration to designate a group of applications recently selected for use (page 106), and (iv) a configuration to designate a group of applications most used by the user (page 104.)

### ***Response to Arguments***

5. Examiner's rejections with respect to 35 U.S.C. 101 and 112 are withdrawn in light of the amendments to the claims on August 20, 2007.

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Applicant's arguments with respect to independent claims 1, 8, 16, 25, 34, and 37 have been considered but are moot in view of the new ground(s) of rejection. Though Enin fails to explicitly disclose "a desktop environment selected from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona," Rathbone discloses an operating system (i.e. Windows XP OS) on which Enin teaches the use of the Batch Launcher application. The operating system, Windows XP, with a user interface displayed on a display device, comprising a desktop environment selected from a plurality of desktop environments associated with a user, each of the plurality of desktop environments corresponding to a different user persona (page 62, 63.) Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a desktop environment selection as taught by Rathbone with multiple application initiation of Enin. One would have been motivated to combine the teaching of Rathbone into Enin as it was well within known options given that Enin was running on the OS disclosed by Rathbone.

### ***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Belousov whose telephone number is (571) 270-1695. The examiner can normally be reached on Mon-Fri (alternate Fri off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven P. Sax can be reached on (571) 272-4072. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AB  
October 18, 2007

/Steven P. Sax/  
Steven P. Sax